SEQUENCE LISTING

<110> Singh, Mohan Bhalla, Prem Hui-Ling, Xu Swoboda, Ines	
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Pro Val Tyr Leu Ala Ala Val Leu Glu Asn Leu Val Ala Glu Val Leu
Asp Met Ala Ala Asn Val Thr Glu Glu Thr Ser Pro Ile Val Ile Lys
65
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	tgg Trp															291
	cca Pro															339
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Lys Gln Pro Thr Thr Thr Ser Gly Lys Trp Arg Phe Ala Arg Phe 50 55 60

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SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: (OTHER THAN US): THE UNIVERSITY OF MELBOURNE

(US ONLY): SINGH Mohan, BHALLA Prem, HUI-LING Xu and

SWOBODA Ines

(ii) TITLE OF INVENTION:

NOVEL NUCLEIC ACID MOLECULES AND USES

THEREFOR

(iii) NUMBER OF SEQUENCES: 9

(iv) CORRESPONDENCE ADDRESS:

- (A) ADDRESSEE: DAVIES COLLISON CAVE
- (B) STREET: 1 LITTLE COLLINS STREET
- (C) CITY: MELBOURNE
- (D) STATE: VICTORIA
- (E) COUNTRY: AUSTRALIA
- (F) ZIP: 3000

(v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
- (B) COMPUTER: IBM PC compatible
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATIÓN DATA:

- (A) APPLICATION NUMBER: PCT INTERNATIONAL
- (B) FILING DATE: 24-JUL-1998
- (C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

- (A) APPLICATION NUMBER: PO8233
- (B) FILING DA/TE: 25-JUL-1997
- (C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

- (A) APPLICATION NUMBER: PP1184
- (B) FILING DATE: 31-DEC-1997
- (C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

- (A) NAME: HUGHES, DR E JOHN L
- (C) REFERENCE/DOCKET NUMBER: EJH/AF

- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: +61 3 9254 2777
 - (B) TELEFAX: +61 3 9254 2770
 - (C) TELEX: AA 31787

w	99	/11	57	×	1

PC1/AU98/0056/

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(2)	INFORMATION FOR SEQ ID NO:1:	
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	(ii) MOLECULE TYPE: peptide	
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	ii) MOLECULE TYPE: DNA	
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Asp	Va1	Pro	Pro	Ser	Phe	Ser	Ile	e Ile	. Ser	Ser	Asp	Ile	Asn	Cys	Ser	осн	

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115 120	125
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587

(2) INFORMATION FOR SEQ ID NO:6:

ΑΑΑΛΛΑΑΑ

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	(>	ci) :	SEQUE	ENCE	DESC	RIPT	NOI	: SE(Q ID	NO: 6	5:						
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Pro	Arg	His	Ile	Met 85	Leu	Ala	Pro	Arg	Asn 90	Asp	Val	Glu	/Val	Glu 95	Gln		
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	(ix)	(.	ATURZ A) NA B) LO	ME/I			. 348										
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		Gln					Ala					Pro		CCA Pro			147
	Lys					Pro					Sei			TGG Trp	CGC Arg 60		195
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CTAT	TTAT	GCC :	rcaa <i>i</i>	LAAA	KA AA	LAAA	LAAA	AA A	\AAA/	4		,				485
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	(э	(i) S	EQUE	NCE	DESC	RIPI	OI:	SEÇ	Q ID	NO:	/ :					
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(2)	INFORMATION	FOR SEO	TD	NO:9:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 945 base pairs

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: DNA

GGAGGGTGTT GGAATTAGGT TTGCCTAGGG TTTGCCTAGG TTTAGAGAAA TAGTCAAAAT 60 TGTCCTATTC TATAGGCATG ATTTAGTAGT GAGTTAATTA TCCTATAATT TCTCTTCTTG 120 TATGCTCAAA TAACTGGTTC TTTAATGAAT AGATAATTAA GTTTTGTAGC AATTTCTTCC 180 TCAAATTGAG TATCAACAAT TGTTAGATTG CTTTGGTGAT TATATTTGAT ATAATTGTTT 240 GTAAGAATGT GTAGTGAAAA GATTGTGATT ATTCATTTCG TTGTTGGACG AATTGTTAGA 300 GCCCCATCGC TAATGCCTTA TAGTACTCGA AATATGTTGG GAATAGAAGA TGAAAAATCC 360 CATTCTTTGT AGTAGGAGTA AAAATTTGTC /TTTTCATTAT TCCATTGAAT GTTAACCACT 420 TGCCATTCAT CTGACGGGGA TGGCAGAGTT CCGACCATCT AGTGATCCGT GGGATATTGA 480 TTTTGGTGTG TCAATGAAAT TGTGAGAA¢G GGCTTCTGGG AGAGAAAAGC CCTCTTGCCT 540 CTGATATGAA CACTGAGGCT GATTATGTTA ACGGATGGAG ATTTATCAGT GGCTGAATTT 600 GGGTGCTGTA GAGACAGAAT TTGAAA&TTC TAACAATAAA CCCTAATTCT GAACTTGGGC 660 GGGGCTGGGA TTTTACTCTT AACGTCAAGA GAGGCAAGAT GAATTGACAG CTTGGAAGTC 720 GATCCAGTAT TTGCAGCAGT CGTGACGAAT TGGTTGGACA GTTACATCGG TCAGAGAATG 780

CGTTCTATAA ATTCCCCCAA TGCGGCAGTG AAAATCCCAT CCCATCAACA GAAGTTTTAA

GTGGAAACCC ATTCCAATAG AGAAGATCGA ACAAAGGGTA TTTAAACATA CAAATGGGGG

(2) INFORMATION FOR SEQ ID NO:10:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH/ 14 base pairs

CAGTGGTGTT TCTTTTTGCT TCCGTTCTCT TCTGTATGGT TCACA

- (B) TYPE: hucleic acid
- (C) STRANDEDNESS: single (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: DNA
- (xi) SEQUENCE/DESCRIPTION: SEQ ID NO:10:

CAGGCATACT TGAATCCTAC AAGA

- (2) INFORMATION FOR SEQ ID NO:11:
 - (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 24 base pairs

14

840

900

945

WO 99/05281 PCT/AU98/0058/

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- (B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear

- (ii) MOLECULE TYPE: DNA
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

TGTGAACCAT ACAGAAGAGA ACGC

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